Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd.	1914.	*Enclosures*	
Regd.		*Spare copies*	

G.O. No. 502 I., 5th October 1914.

The Notes
in this G.O. have been printed.

Improvements to No. 2, Naranan kanmoy, Periyar System

Sanctioning a revised estimate amounting to Rs. 2,049, including establishment charges for —.

Government of Madras.

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N. P.

Improvements to No. 2, Naranan kanmoy, Periyar System

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

I

G.O. No. 265 I., dated 9th May 1913.

ABSTRACT.—Sanctioning, with remarks, an estimate of Rs. 1,730 including establishment charges for improvements to No. 2, Naranan kanmoy, Periyār system.

II

Letter—from M. R. KHAREGAT, Esq., A.M.I.C.E., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 3rd September 1914.
No.—1247-C.E./815.

I have the honour to forward herewith for your approval and for obtaining the sanction of Government a revised estimate amounting to Rs. 1,712 for improvements to No. 2 Naranan kanmoy of Kurichipatti village, Melur taluk.

The excess of Rs. 292 over the amount sanctioned in G.O. No. 265 I., dated 9th May 1913, is partly due to increased lead for split stone as explained in the data sheet and to a general increase in cartage rates and partly due to the increase in the cost of land compensation as now ascertained from the Revenue department.

Early sanction to the estimate is solicited.

ENCLOSURE.

ESTIMATE form—Comparative statement of differences.

Description of work.	Original estimate.			Revised estimate.			More.	Less.	Explanation of difference.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.			
1	2	3	4	5	6	7	8	9	10
Improvements to No. 2, Naranan Kanmoy in Kurichipatti village—estimate Rs. 1,420, C.R. No. 129 of 1913–14.									
		RS. A. P.	RS.		RS. A. P.	RS.	RS.	RS.	
1. Constructing a 6" pipe sluice at L.S. 552 ft.									
Concrete stone jelly in surki mortar	1·80	15 8 0	28	1·80	18 8 0	33	5	..	Increase in rates is due to dearness of labour and cartage as per data attached.
Coursed rubble stone in mortar, II sort	1·60	21 2 0	34	1·60	25 14 0	41	7	..	The increase is due to increase in rates and especially to increase in carting rates. During the past two years rates have risen considerably in Melur taluk where the tank is, and labour has become very scarce owing to good crops and keen demand for labour. It has been found impossible to get the work done at the old rates which were fixed over two years ago.
Do. do. I sort	0·25	25 10 0	6	0·25	29 12 0	7	1	..	
Other unaffected items	..	..	56	..	..	56	..	..	
Contingencies	..	..	6	..	..	6	..	..	
Petty supervision	..	..	5	..	..	5	..	..	
Total ..	..	..	135	..	..	148	13	..	
2. Constructing a 9" pipe sluice at L.S. 1,150 ft.									
Concrete stone jelly in surki mortar	3·80	15 8 0	59	3·80	18 8 0	70	11	..	
Coursed rubble stone in mortar, II sort	4·30	21 2 0	91	4·30	25 14 0	111	20	..	
Do. do. I sort	0·45	25 10 0	12	0·45	29 12 0	13	1	..	
Other unaffected items	..	..	121	..	..	121	..	..	
Contingencies	..	..	14	..	..	14	..	..	
Petty supervision	..	..	13	..	..	12	..	1	
Total ..	..	..	310	..	..	341	32	1	
3. Constructing a 6" pipe sluice at L.S. 2,563 ft.									
Concrete stone jelly in surki mortar	2·00	15 10 0	31	2·00	18 8 0	37	6	..	
Coursed rubble stone in mortar, II sort	1·75	21 12 0	37	1·75	25 14 0	45	8	..	
Do. do. I sort	0·20	25 10 0	5	0·20	29 12 0	6	1	..	
Other unaffected items	..	..	72	..	..	72	..	..	
Contingencies	..	..	6	..	..	6	..	..	
Petty supervision	..	..	4	..	..	4	..	..	
Total ..	..	..	155	..	..	170	15	..	
Carried over ..	..	..	600	..	..	659	60	1	

Estimate form—Comparative statement of differences—*cont.*

Description of work.	Original estimate.			Revised estimate.			More.	Less.	Explanation of difference.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.			
1	2	3	4	5	6	7	8	9	10
		RS.	RS.		RS.	RS.	RS.	RS.	
Brought forward ..	..	..	600	..	..	659	60	1	
4. *Constructing a 6" pipe sluice at 2,900 feet.*									
Concrete stone jelly in surki mortar	1·90	15 8 0	29	1·90	18 8 0	35	6	..	
Coursed rubble stone in mortar, II sort	1·75	21 2 0	37	1·75	25 14 0	45	8	..	
Coursed rubble stone in mortar, I sort	0·25	25 10 0	6	0·25	29 12 0	7	1	..	
Other unaffected items	..	..	59	..	..	59	..	..	
Contingencies	..	..	7	..	..	8	1	..	
Petty supervision	..	..	7	..	..	5	..	2	
Total ..	..	..	145	..	..	159	16	2	
5. *Constructing a masonry weir at right flank.*									
Coursed rubble stone in mortar, II sort	3·20	21 2 0	68	3·20	25 14 0	83	15	..	
Coursed rubble stone in mortar, I sort	0·70	25 10 0	18	0·70	29 12 0	21	3	..	
Drystone packing	9·00	7 9 0	68	9·00	10 9 0	95	27	..	
Other unaffected items	..	..	23	..	..	23	..	..	
Contingencies	..	..	8	..	..	10	2	..	
Petty supervision	..	..	5		..	6	1	..	
Total ..	..	..	190	..	..	238	48	..	
6. *Excavating a surplus channel.*									
Earthwork	90·000	4 0 0	360	90·000	5 0 0	450	90	..	
Contingencies	..	..	27	..	..	24	..	3	
Petty supervision	..	..	20	..	..	12	..	8	
Total ..	..	..	407	..	..	486	90	11	
Land compensation	..	..	53	..	..	145*	92	..	* The value of land has been furnished by the Tahsildar of Melur in R.O.C. No. 2038-Sup., dated 8th June 1914.
Miscellaneous	..	..	25	..	..	25	..	..	
Total ..	..	..	486	..	..	656	182	11	
Grand total ..	..	..	1,420	..	..	1,712	306	14	
Amount of the revised estimate ..	..	..	..	..	..	1,712	..	..	
Amount sanctioned as per C.R. No. 129/13-14 ..	..	..	..	..	..	1,420	..	..	
Net amount requiring sanction ..	..	..	..	..	..	292	..	..	

16*th June* 1914.

M. C[illegible]RIEN,
Executive Engin[illegible], Madura Division.

III

Note by the Chief Engineer for Irrigation, No. 5319 B/14-1, dated 3rd October 1914.

An estimate amounting to Rs. 1,420 for improvements to Naranan kanmoy, Periyār system, Melur taluk, Madura district, was sanctioned in G.O. No. 265 I., dated 9th May 1913. With his letter No. 1247 C.E., dated 3rd September 1914, the Superintending Engineer, VI Circle, now submits a revised estimate for Rs. 1,712 for the work, showing an excess of Rs. 292 over the original sanction Out of the total excess of Rs. 292, Rs. 92 is due to increase in the value of land compensation as now furnished by the Revenue department, and Rs. 200 is due to increase in rates considered necessary owing to rise in the cost of labour and cartage of materials since the original estimate was framed

In the circumstances explained, the revised estimate is recommended for sanction.

W. M. ELLIS, Col., R E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department (Irrigation Branch).

Order—No. 502 I., dated 5th October 1914.

The revised estimate amounting to Rs. 1,712 for "Works" or Rs. 2,049 including establishment charges for improvements to No. 2 Naranan kanmoy of Kurichipatti village, Melur taluk, Periyār system, is sanctioned in supersession of the estimate of Rs. 1,420 for "Works" sanctioned in G.O. No. 265 I., dated 9th May 1913.

2. This sanction is registered as No. 75 I. of 1914-15, and will expire on the 31st March 1915.

(True Extract.)

W. M. ELLIS, Col., R.E.,
Secy. to Govt., P.W.D.
(Irrigation Branch).

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with estimate.
" Accountant-General, Madras.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O. No. 502 I., DATED 5TH OCTOBER 1914.

[SUBJECT.—*Revised estimate for improvements to No.* 2, *Naranankanmoy*, *Periyar System* (*Rs.* 1,712).]

From the Superintending Engineer, *VI Circle*, *dated* 3rd *September* 1914, *No.* 1247-*C.E.*/815.

Under Secretary—
Secretary—

Orders are requested whether the revised estimate received with the Superintending Engineer's letter read above may be checked for sanction. The necessity for the revision is explained in paragraph 2 of the Superintending Engineer's letter.

2. The excess over the original estimate of Rs. 1,420 for "works" sanctioned in G.O. No. 265 I., dated 9th May 1913, is Rs. 292 or 20 per cent. roughly. Out of this, a sum of Rs. 92 represents the excess on account of land compensation. The provision for land in the revised estimate, as well as in the original * estimate, has been based on the valuation furnished by the local Revenue officers.

* Dis. No. 2401 Gl., dated 5th July 1911 of the Tahsildar of Melur.

Vide remarks against the item in the comparative statement.

S.S.—10-9-14.

M.S.V.—11-9-14.

F. E. MORGAN—15-9-14.

Check.

W. M. ELLIS—15-9-14.

The revised estimate has been checked. The rates are supported by detailed data and they fairly agree with the current schedule of rates.

A draft note by the Chief Engineer for Irrigation is put up for approval.

M.V.—29-9-14.

R.S.—29-9-14.

Under Secretary—
Secretary—

A draft order sanctioning the revised estimate is also submitted for approval and orders to issue.

S.S.—1-10-14.

M.S.V.—1-10-14.

F.E.M.—3-10-14.

Issue.

W.M.E.—3-10-14.

[Issued as G.O. No. 502 I., dated 5th October 1914.]

5

pp 1-4 cf ~~Frm~~ S.E. VI no. 1247 C.E / 815 d 3.9.14 *(Print with cost-statement)*

G-P

Note by the Chief Engineer

for Irrigation

No. 5319 B/14.1 d 3.10.14

An estimate amounting to Rs. 1,420 for improvements to Naranan Kanmoy, Periyar system, Melur taluk, Madura Dt. was sanctioned in G.O., No.265-I., dated 9th May 1913. With his letter No. 1247/C.E dated 3rd September 1914, the S.E. VI Circle, now submits a revised estimate for Rs. 1,712 for the work showing an excess of Rs.292 over the original sanction. Out of the total excess of Rs.292, Rs.92 is due to increase in the value of land compensation as now furnished by the Rev: Dept and Rs.200 is due to increase in rates considered necessary owing to rise in the cost of labour and cartage of

flag G

pp 1-2 cf

6

of materials since the original estimate was framed.

In the circumstances explained the revised estimate is recommended for sanction.

To The Secy. to Govt.
P.W.D. (Irrign. Branch)

29.9.14

1/10/14

3/10/14

29/9/14.

Gro. 265. D. Dj ~~6~~ 9. 5. 13

Abstract: —

Sanctioning with remarks, an estimate of Rs 1730/- including establishment charges for impts. to No. 2.

Naranam Kannoy,

Periyar Sy Stem

N

Sectt. II—10 (a)—7,000—4-13.

P.W. DEPARTMENT.
(Irrigation)

Improvements to no. 2 Naranan Kanmoy, Periyar System.

Tanks.

Sanctioning a revised estimate amounting to Rs. 2,049/. including establishment charges for —

READ AGAIN G.O. No. 265. I., dated 9. 5. 1913.

Quote with abstract

" " " " ..., " 191 .

READ ALSO:—

C. No. 5319/14. From the Ch. Engr. for Irrign., No. 5319 B/14-1, dated 3 .10. 1914.

" " ..., " " ..., " ..., " 191

" " ..., " " ..., " ..., " 191

ORDER.
Press.

No. 5027 I dated 5 10 1914.

Print notes

Note by ED & order in m/f

S.C despd 3/10

H G

The revised estimate amounting to Rs. 1,712 for "works" or Rs. 2,049 including establishment charges for Improvements to no. 2 Naranan Kanmoy (of Kurichipatti village, Melur Taluk), Periyar System, is sanctioned in supersession of the estimate of Rs. 1,420/. for "works" sanctioned in G.O. no. 265. I. of 9.5.13.

2. This sanction is registered as no. 75. I. of 1914-15, and will expire on the 31st March 1915.

To The Chief Engr. for Irrigation
" Supg. Engr. VI Circle with estimates.
" A.G. Madras.
} m/s.

1.10.14

1.10.14

3/10/14

3/10/14

Not E.T.

DESPATCHED
Date 5.10.14
Enclos. 1 bundle of ests to S.E. VI